

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print Format

Your search matched **83** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

**Results Key:**

**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

**1 Glitter: A Gridless Variable-Width Channel Router**

*Chen, H.H.; Kuh, E.S.;*  
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 5 , Issue: 4 , October 1986  
Pages:459 - 465

[\[Abstract\]](#) [\[PDF Full-Text \(968KB\)\]](#) IEEE JNL

**2 Design of a superconducting multipole wiggler for synchrotron radiation**

*Hwang, C.S.; Wang, B.; Chen, J.Y.; Wahrer, R.; Chang, C.H.; Fan, T.C.; Lin, F.Y.; Chen, H.H.; Huang, M.H.; Chen, C.T.;*  
Applied Superconductivity, IEEE Transactions on , Volume: 13 , Issue: 2 , June 2003  
Pages:1209 - 1212

[\[Abstract\]](#) [\[PDF Full-Text \(713KB\)\]](#) IEEE JNL

**3 Design and construction performance of a compact cryogen-free superconducting wavelength shifter**

*Hwang, C.S.; Wang, B.; Wahrer, R.; Chen, H.H.; Chang, C.H.; Lin, F.Y.; Fan, T.C.; Chen, C.T.;*  
Applied Superconductivity, IEEE Transactions on , Volume: 12 , Issue: 1 , March 2002  
Pages:686 - 690

[\[Abstract\]](#) [\[PDF Full-Text \(412KB\)\]](#) IEEE JNL

**4 Minimum-drift digital video downconversion**

*Alshaykh, O.K.; Chen, H.H.;*  
Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 10 , Issue: 6 , Sept. 2000  
Pages:956 - 961

[\[Abstract\]](#) [\[PDF Full-Text \(568KB\)\]](#) IEEE JNL

**5 Compression of MPEG-4 facial animation parameters for transmission of talking heads**

*Hai Tao; Chen, H.H.; Wei Wu; Huang, T.S.;*  
Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 9 , Issue: 2 , March 1999

Pages:264 - 276

[\[Abstract\]](#) [\[PDF Full-Text \(644KB\)\]](#) [IEEE JNL](#)

---

**6 Temporal association algebra: a mathematical foundation for processing object-oriented temporal databases**

*Su, S.Y.W.; Hyun, S.J.; Chen, H.-H.M.;*

*Knowledge and Data Engineering, IEEE Transactions on* ,Volume: 10 , Issue:

3 , May-June 1998

Pages:389 - 408

[\[Abstract\]](#) [\[PDF Full-Text \(488KB\)\]](#) [IEEE JNL](#)

---

**7 Interconnect and circuit modeling techniques for full-chip power supply noise analysis**

*Chen, H.H.; Neely, J.S.;*

*Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on* [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] ,Volume: 21 , Issue: 3 , Aug. 1998

Pages:209 - 215

[\[Abstract\]](#) [\[PDF Full-Text \(332KB\)\]](#) [IEEE JNL](#)

---

**8 Enhanced tunneling characteristics of PECVD silicon-rich-oxide (SRO) for the application in low voltage flash EEPROM**

*Lin, C.-J.; Hsu, C.C.-H.; Chen, H.-H.; Hong, G.; Lu, L.S.;*

*Electron Devices, IEEE Transactions on* ,Volume: 43 , Issue: 11 , Nov. 1996

Pages:2021 - 2023

[\[Abstract\]](#) [\[PDF Full-Text \(424KB\)\]](#) [IEEE JNL](#)

---

**9 The construction of a 9-pole prototype for SRRC U-10 undulator**

*Chan, C.H.; Chang, L.H.; Chen, H.H.; Fan, T.C.; Hwang, C.S.; Guo, D.N.; Hsu, J.Y.; Lin, F.Y.; Lin, T.F.; Wang, C.; Yeh, S.T.; Hwang, G.J.; Tseng, P.K.;*

*Magnetics, IEEE Transactions on* ,Volume: 32 , Issue: 4 , July 1996

Pages:2629 - 2632

[\[Abstract\]](#) [\[PDF Full-Text \(436KB\)\]](#) [IEEE JNL](#)

---

**10 Near 10  $\mu$ m intervalence subband optical transitions in p-type In<sub>0.49</sub>Ga<sub>0.51</sub>P-GaAs quantum well structures**

*Chen, H.H.; Yeong-Her Wang; Mau-Phon Houn;*

*Quantum Electronics, IEEE Journal of* ,Volume: 32 , Issue: 3 , March 1996

Pages:471 - 477

[\[Abstract\]](#) [\[PDF Full-Text \(572KB\)\]](#) [IEEE JNL](#)

---

**11 Design and performance of the SRRC quadrupole magnets**

*Chang, C.H.; Chen, H.H.; Hwang, C.S.; Hwang, G.J.; Tseng, P.K.;*

*Magnetics, IEEE Transactions on* ,Volume: 30 , Issue: 4 , Jul 1994

Pages:2241 - 2244

[\[Abstract\]](#) [\[PDF Full-Text \(292KB\)\]](#) [IEEE JNL](#)

---

**12 Comments on 'Comments on "Calibration of wrist-mounted robotic sensors by solving homogeneous transform equations of the form AX=XB"**

**[with reply]**

*Chen, H.H.; Zhuang, H.; Roth, Z.S.;*

Robotics and Automation, IEEE Transactions on , Volume: 8 , Issue: 4 , Aug. 1992

Pages:493 - 494

[\[Abstract\]](#) [\[PDF Full-Text \(60KB\)\]](#) [IEEE JNL](#)

---

**13 Pose determination from line-to-plane correspondences: existence condition and closed-form solutions**

*Chen, H.H.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:

13 , Issue: 6 , June 1991

Pages:530 - 541

[\[Abstract\]](#) [\[PDF Full-Text \(888KB\)\]](#) [IEEE JNL](#)

---

**14 Using motion from orthographic views to verify 3-D point matches**

*Chen, H.H.; Huang, T.S.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:

13 , Issue: 9 , Sept. 1991

Pages:872 - 878

[\[Abstract\]](#) [\[PDF Full-Text \(556KB\)\]](#) [IEEE JNL](#)

---

**15 Matching 3-D line segments with applications to multiple-object motion estimation**

*Chen, H.H.; Huang, T.S.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:

12 , Issue: 10 , Oct. 1990

Pages:1002 - 1008

[\[Abstract\]](#) [\[PDF Full-Text \(760KB\)\]](#) [IEEE JNL](#)

---

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

---

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print FormatYour search matched **83** documents.

---

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**16 On VHV-routing in channels with irregular boundaries**

*Vijayan, G.; Chen, H.H.; Wong, C.K.;*  
 Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 8 , Issue: 2 , Feb. 1989  
 Pages:146 - 152

[\[Abstract\]](#) [\[PDF Full-Text \(644KB\)\]](#) IEEE JNL

**17 Effect of axial inhomogeneity on solitons near the zero dispersion point**

*Wai, P.K.A.; Menyuk, C.R.; Chen, H.H.; Lee, Y.C.;*  
 Quantum Electronics, IEEE Journal of , Volume: 24 , Issue: 2 , Feb. 1988  
 Pages:373 - 381

[\[Abstract\]](#) [\[PDF Full-Text \(688KB\)\]](#) IEEE JNL

**18 CPAM: a common power analysis methodology for high-performance VLSI design**

*Neely, J.S.; Chen, H.H.; Walker, S.G.; Venuto, J.; Bucelot, T.J.;*  
 Electrical Performance of Electronic Packaging, 2000, IEEE Conference on. , 23-25 Oct. 2000  
 Pages:303 - 306

[\[Abstract\]](#) [\[PDF Full-Text \(264KB\)\]](#) IEEE CNF

**19 A novel CDMA multiuser detector with immunity against decision error propagation**

*Chen, H.H.; Liu, Z.Q.;*  
 Vehicular Technology Conference, 1997 IEEE 47th , Volume: 2 , 4-7 May 1997  
 Pages:567 - 571 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(376KB\)\]](#) IEEE CNF

**20 Waveform optimization for OQAM-OFDM systems by using nonlinear programming algorithms**

*Chen, H.H.; Cai, X.D.;*  
 Vehicular Technology Conference, 1997 IEEE 47th , Volume: 3 , 4-7 May 1997  
 Pages:1385 - 1389 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(352KB\)\]](#) IEEE CNF

**21 A hierarchical power supply distribution model for full-chip switching noise analysis**

*Chen, H.H.;*

Electrical Performance of Electronic Packaging, 1997., IEEE 6th Topical Meeting on , 27-29 Oct. 1997

Pages:60 - 63

[\[Abstract\]](#) [\[PDF Full-Text \(396KB\)\]](#) [IEEE CNF](#)

---

**22 Design For Signal Integrity: The New Paradigm For Deep!lubmicron Vlsi Design**

*Chen, H.H.; Wang, L.K.;*

VLSI Technology, Systems, and Applications, 1997. Proceedings of Technical Papers. 1997 International Symposium on , June 3-5, 1997

Pages:329 - 333

[\[Abstract\]](#) [\[PDF Full-Text \(616KB\)\]](#) [IEEE CNF](#)

---

**23 Novel Chromatic Dispersion Determination Along An Optical Fiber**

*Wai, P.K.A.; Chen, H.H.; Tsang, Y.K.;*

Lasers and Electro-Optics, 1997. CLEO/Pacific Rim '97., Pacific Rim Conference on , 14-18 July 1997

Pages:183 - 183

[\[Abstract\]](#) [\[PDF Full-Text \(144KB\)\]](#) [IEEE CNF](#)

---

**24 Power Supply Noise Analysis Methodology For Deep-submicron Vlsi Chip Design**

*Chen, H.H.; Ling, D.D.;*

Design Automation Conference, 1997. Proceedings of the 34th , June 9-13, 1997

Pages:638 - 643

[\[Abstract\]](#) [\[PDF Full-Text \(736KB\)\]](#) [IEEE CNF](#)

---

**25 A low power high speed error correction code macro using complementary pass transistor logic circuit**

*Wang, L.K.; Chen, H.H.;*

ASIC Conference and Exhibit, 1997. Proceedings., Tenth Annual IEEE International , 7-10 Sept. 1997

Pages:17 - 20

[\[Abstract\]](#) [\[PDF Full-Text \(292KB\)\]](#) [IEEE CNF](#)

---

**26 Simultaneous switching noise projection for high-performance SOI chip design**

*Wang, I.K.; Chen, H.H.;*

SOI Conference, 1996. Proceedings., 1996 IEEE International , 30 Sept.-3 Oct.

1996

Pages:112 - 113

[\[Abstract\]](#) [\[PDF Full-Text \(168KB\)\]](#) [IEEE CNF](#)

---

**27 Minimizing chip-level simultaneous switching noise for high-performance microprocessor design**

*Chen, H.H.;*

Circuits and Systems, 1996. ISCAS '96., 'Connecting the World'., 1996 IEEE International Symposium on , Volume: 4 , 12-15 May 1996

Pages:544 - 547 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(692KB\)\]](#) [IEEE CNF](#)

---

**28 On-chip decoupling capacitor optimization for noise and leakage reduction**

*Chen, H.H.; Neely, J.S.; Wang, M.F.; Co, G.;*  
Integrated Circuits and Systems Design, 2003. SBCCI 2003. Proceedings. 16th Symposium on , 8-11 Sept. 2003  
Pages:251 - 255

[\[Abstract\]](#) [\[PDF Full-Text \(240KB\)\]](#) [IEEE CNF](#)

---

**29 A complementary codes based CDMA architecture for future wideband mobile communications**

*Chen, H.H.;*  
TENCON '02. Proceedings. 2002 IEEE Region 10 Conference on Computers, Communications, Control and Power Engineering ,Volume: 2 , 28-31 Oct. 2002  
Pages:1052 - 1055 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(411KB\)\]](#) [IEEE CNF](#)

---

**30 Robust adaptive control of autonomous underwater vehicle**

*Zhang, Y.; Chen, H.H.; Feng, X.S.;*  
Control and Automation, 2002. ICCA. Final Program and Book of Abstracts. The 2002 International Conference on , June 16-19, 2002  
Pages:231 - 231

[\[Abstract\]](#) [\[PDF Full-Text \(174KB\)\]](#) [IEEE CNF](#)

---

[Prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

---

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print FormatYour search matched **83** documents.

---

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**31 Microsphere as a contrast agent/gene vector in ultrasound imaging-based vascular gene delivery**

*Xiangying Du; Yuesong Yang; Le Visage, C.; Chen, H.H.; DeJong, R.; Bensheng Qiu; Danming Wang; Leong, K.W.; Hamper, U.M.; Xiaoming Yang;*  
Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium on, 7-10 July 2002  
Pages:989 - 992

[\[Abstract\]](#) [\[PDF Full-Text \(333KB\)\]](#) IEEE CNF

**32 Novel method for imaging biodegradable polymeric microparticles using MRI: application toward monitoring drug delivery**

*Chen, H.H.; Le Visage, C.; Bensheng Qiu; Xiangying Du; Ouwerkerk, R.; Leong, K.W.; Xiaoming Yang;*  
Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium on, 7-10 July 2002  
Pages:145 - 148

[\[Abstract\]](#) [\[PDF Full-Text \(409KB\)\]](#) IEEE CNF

**33 Design of minimally invasive optical imaging probes to track vascular gene expression: a Monte Carlo simulation analysis**

*Kumar, A.; Chen, H.H.; Long, E.; Xiaoming Yang;*  
Biomedical Imaging, 2002. Proceedings. 2002 IEEE International Symposium on, 7-10 July 2002  
Pages:285 - 288

[\[Abstract\]](#) [\[PDF Full-Text \(374KB\)\]](#) IEEE CNF

**34 Development of a non-invasive optical imaging method for tracking vascular gene expression**

*Chen, H.H.; Kumar, A.; Yang, Y.; Wang, D.; Maouyo, D.; Fried, N.M.; Yang, X.;*  
Engineering in Medicine and Biology Society, 2001. Proceedings of the 23rd Annual International Conference of the IEEE ,Volume: 3 , 25-28 Oct. 2001  
Pages:2840 - 2843 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(767KB\)\]](#) IEEE CNF

**35 Performance projection and thermal management of high performance VLSI designs**

*Wang, L.K.; Chen, H.H.; Tsorng-Dih Yuan; Bor Zen Hong;*  
Solid-State and Integrated-Circuit Technology, 2001. Proceedings. 6th  
International Conference on , Volume: 2 , 22-25 Oct. 2001  
Pages:1107 - 1111 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(324KB\)\]](#) [IEEE CNF](#)

---

**36 Thermal management for high performance integrated circuits with non-uniform chip power considerations**

*Tsorng-Dih Yuan; Bor Zen Hong; Chen, H.H.; Li-Kong Wang;*  
Semiconductor Thermal Measurement and Management, 2001. Seventeenth  
Annual IEEE Symposium , 20-22 March 2001  
Pages:95 - 101

[\[Abstract\]](#) [\[PDF Full-Text \(932KB\)\]](#) [IEEE CNF](#)

---

**37 Construction and performance of the elliptical polarization undulator EPUS.6 in SRRC**

*Chang, C.H.; Chen, H.H.; Fan, T.C.; Chen, J.; Hwang, C.S.; Huang, M.H.; Hsu, K.T.; Lin, F.Y.; Li, C.D.; Liu, H.C.; Wang, Ch.;*  
Particle Accelerator Conference, 1999. Proceedings of the 1999 ,Volume: 4 , 27  
March-2 April 1999  
Pages:2671 - 2673 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(192KB\)\]](#) [IEEE CNF](#)

---

**38 A Spice-compatible flash EEPROM model feasible for transient and program/erase cycling endurance simulation**

*Chung, S.S.; Yih, C.-M.; Wu, S.S.; Chen, H.H.; Gary Hong;*  
Electron Devices Meeting, 1999. IEDM Technical Digest. International , 5-8 Dec.  
1999  
Pages:179 - 182

[\[Abstract\]](#) [\[PDF Full-Text \(304KB\)\]](#) [IEEE CNF](#)

---

**39 The conversion of bulk CMOS circuits to SOI technology and its noise impact**

*Li-Kong Wang; Chen, H.H.;*  
VLSI Technology, Systems, and Applications, 1999. International Symposium  
on , 8-10 June 1999  
Pages:282 - 285

[\[Abstract\]](#) [\[PDF Full-Text \(348KB\)\]](#) [IEEE CNF](#)

---

**40 Wavelet-based image coding: comparison of MPEG-4 and JPEG-2000**

*Moccagatta, I.; Coban, M.Z.; Chen, H.H.;*  
Signals, Systems, and Computers, 1999. Conference Record of the Thirty-Third  
Asilomar Conference on , Volume: 2 , 24-27 Oct. 1999  
Pages:1178 - 1182 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(388KB\)\]](#) [IEEE CNF](#)

---

**41 The design of a bond-graph-based controller for muscle relaxant anaesthesia**

*Linkens, D.A.; Chen, H.H.;*  
Systems, Man and Cybernetics, 1995. 'Intelligent Systems for the 21st Century',  
IEEE International Conference on , Volume: 4 , 22-25 Oct. 1995

Pages:3005 - 3010 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(496KB\)\]](#) [IEEE CNF](#)

---

**42 Thermal treatment and underlayer effects on silane and dichlorosilane based tungsten silicide for deep sub-micron interconnection processes**

*Yen, H.; Hsia, S.T.; Liu, D.; Tzeng, H.P.; Chen, H.H.; Lu, C.Y.;*  
VLSI Technology, Systems, and Applications, 1995. Proceedings of Technical Papers., 1995 International Symposium on , 31 May-2 June 1995  
Pages:176 - 179

[\[Abstract\]](#) [\[PDF Full-Text \(316KB\)\]](#) [IEEE CNF](#)

---

**43 On-chip decoupling capacitor optimization for high-performance VLSI design**

*Chen, H.H.; Schuster, S.E.;*  
VLSI Technology, Systems, and Applications, 1995. Proceedings of Technical Papers., 1995 International Symposium on , 31 May-2 June 1995  
Pages:99 - 103

[\[Abstract\]](#) [\[PDF Full-Text \(500KB\)\]](#) [IEEE CNF](#)

---

**44 On-chip decoupling capacitor design to reduce switching-noise-induced instability in CMOS/SOI VLSI**

*Wang, L.K.; Chen, H.H.;*  
SOI Conference, 1995. Proceedings., 1995 IEEE International , 3-5 Oct. 1995  
Pages:100 - 101

[\[Abstract\]](#) [\[PDF Full-Text \(132KB\)\]](#) [IEEE CNF](#)

---

**45 Speech recognition for image animation and coding**

*Wu Chou; Chen, H.H.;*  
Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 International Conference on ,Volume: 4 , 9-12 May 1995  
Pages:2253 - 2256 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(344KB\)\]](#) [IEEE CNF](#)

---

[Prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

---

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print FormatYour search matched **83** documents.

---

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**46 Minimizing via coupled noise in high performance thermal conduction module design**

*Chen, H.H.; Wong, C.K.;*  
Circuits and Systems, 1994. APCCAS '94., 1994 IEEE Asia-Pacific Conference on, 5-8 Dec. 1994  
Pages: 548 - 553

[\[Abstract\]](#) [\[PDF Full-Text \(420KB\)\]](#) **IEEE CNF**

**47 A block transform coder for arbitrarily shaped image segments**

*Chen, H.H.; Reha Civanlar, M.; Haskell, B.G.;*  
Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conference, Volume: 1, 13-16 Nov. 1994  
Pages: 85 - 89 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(360KB\)\]](#) **IEEE CNF**

**48 Measurement of the Base Resistance at Active Region of Polyemitter Bjt by Noise Method**

*Tsun-Lai Hsu; Chen, H.H.; Jeng Gong; Yu, K.Y.; Chen, L.J.;*  
Semiconductor Modeling & Simulation, 1993. SMS Technical Digest. 1993 Symposium on, March 6-7, 1993  
Pages: 35 - 37

[\[Abstract\]](#) [\[PDF Full-Text \(164KB\)\]](#) **IEEE CNF**

**49 The Oxide-Trap-Distributed Dependence of Exponent /spl gamma/ on 1/f/sup /spl gamma// Noise in Mosfets Device**

*Chen, H.H.; Chen, S.L.; Jeng Gong;*  
Semiconductor Modeling & Simulation, 1993. SMS Technical Digest. 1993 Symposium on, March 6-7, 1993  
Pages: 39 - 40

[\[Abstract\]](#) [\[PDF Full-Text \(92KB\)\]](#) **IEEE CNF**

**50 A language model for parsing very long Chinese sentences**

*Chen, H.-H.;*  
Tools with Artificial Intelligence, 1993. TAI '93. Proceedings. Fifth International Conference on, 8-11 Nov. 1993  
Pages: 290 - 297

---

[\[Abstract\]](#) [\[PDF Full-Text \(648KB\)\]](#) [IEEE CNF](#)

**51 The Generalized K. P. Method for Resonant Interband Device**

*Houng, M.P.; Wang, Y.H.; Chen, H.H.;*

Semiconductor Modeling & Simulation, 1993. SMS Technical Digest. 1993

Symposium on , March 6-7, 1993

Pages:83 - 84

---

[\[Abstract\]](#) [\[PDF Full-Text \(92KB\)\]](#) [IEEE CNF](#)

**52 Constructive learning of recurrent neural networks**

*Chen, D.; Giles, C.L.; Sun, G.Z.; Chen, H.H.; Lee, Y.C.; Goudreau, M.W.;*

Neural Networks, 1993., IEEE International Conference on , 28 March-1 April 1993

Pages:1196 - 1201 vol.3

---

[\[Abstract\]](#) [\[PDF Full-Text \(436KB\)\]](#) [IEEE CNF](#)

**53 Wiring for manufacturability and yield maximization in computer-aided VLSI design**

*Chen, H.H.; Wong, C.K.;*

VLSI Technology, Systems, and Applications, 1993. Proceedings of Technical

Papers. 1993 International Symposium on , 12-14 May 1993

Pages:68 - 72

---

[\[Abstract\]](#) [\[PDF Full-Text \(332KB\)\]](#) [IEEE CNF](#)

**54 Shielding effect of a diaphragm in a packaged microstrip circuit**

*Chen, H.-H.; Chung, S.-J.;*

Electrical Performance of Electronic Packaging, 1993 , 20-22 Oct. 1993

Pages:32 - 34

---

[\[Abstract\]](#) [\[PDF Full-Text \(196KB\)\]](#) [IEEE CNF](#)

**55 Wiring And Crosstalk Avoidance In Multi-chip Module Design**

*Chen, H.H.; Wong, C.K.;*

Custom Integrated Circuits Conference, 1992., Proceedings of the IEEE 1992 , May 3-6, 1992

Pages:28.6.1 - 28.6.4

---

[\[Abstract\]](#) [\[PDF Full-Text \(776KB\)\]](#) [IEEE CNF](#)

**56 Time warping recurrent neural networks and trajectory classification**

*Sun, G.Z.; Chen, H.H.; Lee, Y.C.; Liu, Y.D.;*

Neural Networks, 1992. IJCNN., International Joint Conference on ,Volume: 1 , 7-11 June 1992

Pages:431 - 436 vol.1

---

[\[Abstract\]](#) [\[PDF Full-Text \(480KB\)\]](#) [IEEE CNF](#)

**57 A novel design for the construction and startup of an eight inch pilot line**

*Tseng, B.H.P.; Cheng, C.-H.; Chen, H.H.; Lu, C.Y.; Jensen, R.;*

Advanced Semiconductor Manufacturing Conference and Workshop, 1992. ASMC 92 Proceedings. IEEE/SEMI 1992 , 30 Sept.-1 Oct. 1992

Pages:60 - 65

---

[\[Abstract\]](#) [\[PDF Full-Text \(412KB\)\]](#) [IEEE CNF](#)

---

**58 Adaptive template method for speech recognition**

*Liu, Y.; Lee, Y.-C.; Chen, H.-H.; Sun, G.-Z.;*

Neural Networks for Signal Processing [1992] II., Proceedings of the 1992 IEEE-SP Workshop , 31 Aug.-2 Sept. 1992

Pages:103 - 110

---

[\[Abstract\]](#) [\[PDF Full-Text \(228KB\)\]](#) [IEEE CNF](#)

---

**59 Discriminative training algorithm for predictive neural network models**

*Liu, Y.; Lee, Y.-C.; Chen, H.-H.; Sun, G.-Z.;*

Neural Networks, 1992. IJCNN., International Joint Conference on ,Volume: 4 , 7-11 June 1992

Pages:685 - 690 vol.4

---

[\[Abstract\]](#) [\[PDF Full-Text \(272KB\)\]](#) [IEEE CNF](#)

---

**60 Speech recognition using dynamic time warping with neural network trained templates**

*Liu, Y.; Lee, Y.-C.; Chen, H.-H.; Sun, G.-Z.;*

Neural Networks, 1992. IJCNN., International Joint Conference on ,Volume: 2 , 7-11 June 1992

Pages:326 - 331 vol.2

---

[\[Abstract\]](#) [\[PDF Full-Text \(260KB\)\]](#) [IEEE CNF](#)

---

[Prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [Next](#)

---

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print FormatYour search matched **7** of **1043368** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

  Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 ID3-derived fuzzy rules and optimized defuzzification for handwritten numeral recognition***Zheru Chi; Hong Yan;*

Fuzzy Systems, IEEE Transactions on , Volume: 4 , Issue: 1 , Feb. 1996

Pages:24 - 31

[\[Abstract\]](#) [\[PDF Full-Text \(808 KB\)\]](#) IEEE JNL**2 K-nearest neighbor and C4.5 algorithms as data mining methods: advantages and difficulties***Yahia, M.E.; Ibrahim, B.A.;*

Computer Systems and Applications, 2003. Book of Abstracts. ACS/IEEE

International Conference on , 14-18 July 2003

Pages:103

[\[Abstract\]](#) [\[PDF Full-Text \(153 KB\)\]](#) IEEE CNF**3 A quick evidential classification algorithm based on k-nearest neighbor rule***Zhuang Wang; Wei-Dong Hu; Wen-Xian Yu;*

Machine Learning and Cybernetics, 2003 International Conference on , Volume:

5 , 2-5 Nov. 2003

Pages:3248 - 3252 Vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(421 KB\)\]](#) IEEE CNF**4 Comparing software prediction techniques using simulation***Shepperd, M.; Kadoda, G.;*

Software Engineering, IEEE Transactions on , Volume: 27 , Issue: 11 , Nov. 2001

Pages:1014 - 1022

[\[Abstract\]](#) [\[PDF Full-Text \(294 KB\)\]](#) IEEE JNL**5 LDA/SVM driven nearest neighbor classification**

*Jing Peng; Heisterkamp, D.R.; Dai, H.K.;*  
Computer Vision and Pattern Recognition, 2001. CVPR 2001. Proceedings of the  
2001 IEEE Computer Society Conference on , Volume: 1 , 8-14 Dec. 2001  
Pages:I-58 - I-63 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(670 KB\)\]](#) [IEEE CNF](#)

---

**6 A hybrid approach to the profile creation and intrusion detection**

*Marin, J.; Ragsdale, D.; Sirdu, J.;*  
DARPA Information Survivability Conference & Exposition II, 2001. DISCEX '01.  
Proceedings , Volume: 1 , 12-14 June 2001  
Pages:69 - 76 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) [IEEE CNF](#)

---

**7 LDA/SVM driven nearest neighbor classification**

*Jing Peng; Heisterkamp, D.R.; Dai, H.K.;*  
Neural Networks, IEEE Transactions on , Volume: 14 , Issue: 4 , July 2003  
Pages:940 - 942

[\[Abstract\]](#) [\[PDF Full-Text \(239 KB\)\]](#) [IEEE JNL](#)

---

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print FormatYour search matched **39** of **1043368** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

  Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 LDA/SVM driven nearest neighbor classification**

*Jing Peng; Heisterkamp, D.R.; Dai, H.K.;*  
 Neural Networks, IEEE Transactions on , Volume: 14 , Issue: 4 , July 2003  
 Pages:940 - 942

[\[Abstract\]](#) [\[PDF Full-Text \(239 KB\)\]](#) IEEE JNL**2 Comparing software prediction techniques using simulation**

*Shepperd, M.; Kadoda, G.;*  
 Software Engineering, IEEE Transactions on , Volume: 27 , Issue: 11 , Nov. 2001  
 Pages:1014 - 1022

[\[Abstract\]](#) [\[PDF Full-Text \(294 KB\)\]](#) IEEE JNL**3 Validation of nearest neighbor classifiers**

*Bax, E.;*  
 Information Theory, IEEE Transactions on , Volume: 46 , Issue: 7 , Nov. 2000  
 Pages:2746 - 2752

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) IEEE JNL**4 A simple and efficient classifying algorithm**

*Jian-Hui Wang; Shui-Geng Zhou; Yun-Fa Hu;*  
 Machine Learning and Cybernetics, 2003 International Conference on , Volume: 1 , 2-5 Nov. 2003  
 Pages:51 - 56 Vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(634 KB\)\]](#) IEEE CNF**5 A Web document clustering algorithm based on concept of neighbor**

*Jiang-Chun Song; Jun-Yi Shen;*  
 Machine Learning and Cybernetics, 2003 International Conference on , Volume: 1 , 2-5 Nov. 2003  
 Pages:46 - 50 Vol.1

---

[\[Abstract\]](#) [\[PDF Full-Text \(507 KB\)\]](#) [IEEE CNF](#)

**6 Relative density based k-nearest neighbors clustering algorithm**

*Qing-Bao Liu; Su Deng; Chang-Hui Lu; Bo Wang; Yong-Feng Zhou;*  
Machine Learning and Cybernetics, 2003 International Conference on , Volume:  
1 , 2-5 Nov. 2003  
Pages:133 - 17. Vol.1

---

[\[Abstract\]](#) [\[PDF Full-Text \(503 KB\)\]](#) [IEEE CNF](#)

**7 A quick evidential classification algorithm based on k-nearest neighbor rule**

*Zhuang Wang; Wei-Dong Hu; Wen-Xian Yu;*  
Machine Learning and Cybernetics, 2003 International Conference on , Volume:  
5 , 2-5 Nov. 2003  
Pages:3248 - 3252 Vol.5

---

[\[Abstract\]](#) [\[PDF Full-Text \(421 KB\)\]](#) [IEEE CNF](#)

**8 An improved line-based face recognition and indexing algorithm**

*Miao Liu; Jin Duan; Xiao-Hua Liu; Yan-Chun Liang; Chun-Guang Zhou;*  
Machine Learning and Cybernetics, 2003 International Conference on , Volume:  
5 , 2-5 Nov. 2003  
Pages:3100 - 3103 Vol.5

---

[\[Abstract\]](#) [\[PDF Full-Text \(309 KB\)\]](#) [IEEE CNF](#)

**9 Noise reduction to text categorization based on density for KNN**

*Rong-Lu Li; Yun-Fa Hu;*  
Machine Learning and Cybernetics, 2003 International Conference on , Volume:  
5 , 2-5 Nov. 2003  
Pages:3119 - 3124 Vol.5

---

[\[Abstract\]](#) [\[PDF Full-Text \(434 KB\)\]](#) [IEEE CNF](#)

**10 Equal-average equal-variance nearest neighbor search algorithm based on Hadamard transform**

*Zhe-Ming Lu; Hui Pei;*  
Machine Learning and Cybernetics, 2003 International Conference on , Volume:  
5 , 2-5 Nov. 2003  
Pages:2976 - 2978 Vol.5

---

[\[Abstract\]](#) [\[PDF Full-Text \(238 KB\)\]](#) [IEEE CNF](#)

**11 Data description in subspaces**

*Tax, D.M.J.; Duin, R.P.W.;*  
Pattern Recognition, 2000. Proceedings. 15th International Conference  
on , Volume: 2 , 3-7 Sept 2000  
Pages:672 - 675 vol.2

---

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) [IEEE CNF](#)

**12 A supervised machine learning algorithm for arrhythmia analysis**

*Guvenir, H.A.; Acar, B.; Demiroz, G.; Cekin, A.;*  
Computers in Cardiology 1997 , 7-10 Sept. 1997  
Pages:433 - 436

---

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) [IEEE CNF](#)

---

**13 Fuzzy nearest neighbor clustering of high-dimensional data**

*Hong-bin Wang; Yi-qing Yu; Dong-ru Zhou; Bo Meng;*

Machine Learning and Cybernetics, 2003 International Conference on , Volume:

4 , Nov. 2-5, 2003

Pages:2569 - 2572

---

[\[Abstract\]](#) [\[PDF Full-Text \(319 KB\)\]](#) [IEEE CNF](#)

---

**14 K-nearest neighbor and C4.5 algorithms as data mining methods: advantages and difficulties**

*Yahia, M.E.; Ibrahim, B.A.;*

Computer Systems and Applications, 2003. Book of Abstracts. ACS/IEEE

International Conference on , 14-18 July 2003

Pages:103

---

[\[Abstract\]](#) [\[PDF Full-Text \(153 KB\)\]](#) [IEEE CNF](#)

---

**15 Improving support vector machine classifier by combining it with k nearest neighbor principle based on the best distance measurement**

*Tian Ming; Zhuang Yi; Chen Songcan;*

Intelligent Transportation Systems, 2003. Proceedings. 2003 IEEE , Volume:

1 , 12-15 Oct. 2003

Pages:373 - 378 vol.1

---

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) [IEEE CNF](#)

---

[1](#) [2](#) [3](#) [Next](#)

---

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print Format

Search Results [PDF FULL-TEXT 252 KB] PREV NEXT DOWNLOAD CITATION

 REQUEST PERMISSIONS  
RIGHTS LINK**Validation of nearest neighbor classifiers**Bax, E.DEpt. of Math. & Comput. Sci., Richmond Univ., VA, USA;  
*This paper appears in: Information Theory, IEEE Transactions on*

Publication Date: Nov. 2000

On page(s): 2746 - 2752

Volume: 46, Issue: 7

ISSN: 0018-9448

Reference Cited: 20

CODEN: IETTAW

Inspec Accession Number: 6800229

**Abstract:**

This article presents a method to bound the out-of-sample error rate of a **nearest neighbor** classifier. The bound is based only on the examples that comprise the classifier. Thus all available examples can be used in the classifier; no examples need to be withheld to compute error bounds. The estimate used in the bound is an extension of the holdout estimate. The difference in error rates between the holdout classifier and the classifier consisting of all available examples is estimated using truncated inclusion and exclusion

**Index Terms:**

error statistics image classification learning (artificial intelligence) error bounds holdout classifier holdout estimate machine learning nearest neighbor classifiers out-of-sample error rate bound satellite images truncated exclusion truncated inclusion

**Documents that cite this document**

There are no citing documents available in IEEE Xplore at this time.

**Reference list:**

1, E. Bax, "Validation of voting committees," *Neural Comput.*, vol. 10, no. 4, pp. 975-986, 1998.  
[Buy Via Ask\*IEEE]

2, E.Bax, "Partition-based and sharp uniform error bounds," *IEEE Trans. Neural Networks*, to be published.  
[Buy Via Ask\*IEEE]

3, E.Bax, "Validation of average error rate over classifiers," *Pattern Recogn. Lett.*, vol. 19, pp. 127-132, 1998.

[\[CrossRef\]](#) [\[Buy Via Ask\\*IEEE\]](#)

4, Z. Cataltepe and M. Magdon-Ismail, "Incorporating test inputs into learning," *Advances in Neural Information Processing Systems 10*, M. I.Joradan, M. I.Kearns, and S.Solla, Ed. Cambridge, MA: MIT Press, 1998.

[\[Buy Via Ask\\*IEEE\]](#)

5, T. M. Cover, "Learning in pattern recognition," *Methodologies of Pattern Recognition*, S.Watanabe, Ed. New York: Academic, 1969, pp. 111-132.

[\[Buy Via Ask\\*IEEE\]](#)

6, T. M.Cover, "Rates of convergence of nearest neighbor decision procedures," in *Proc. 1st Annu. Hawaii Conf. Systems Theory*, 1968, pp. 413-415.

[\[Buy Via Ask\\*IEEE\]](#)

7, T. M. Cover and P. E. Hart, "Nearest neighbor pattern classification," *IEEE Trans. Inform. Theory*, vol. IT-13, pp. 21-27, Jan. 1967.

[\[Buy Via Ask\\*IEEE\]](#)

8, L.Devroye, L.Györfi, and G.Lugosi, *A Probabilistic Theory of Pattern Recognition* New York: Springer-Verlag, 1996.

[\[Buy Via Ask\\*IEEE\]](#)

9, L. Devroye and T. Wagner, "Distribution-free inequalities for the deleted and holdout error estimates," *IEEE Trans. Inform. Theory*, vol. IT-25, pp. 202-207, Mar. 1979.

[\[Buy Via Ask\\*IEEE\]](#)

10, J.Franklin, *Methods of Mathematical Economics* New York: Springer-Verlag, 1979, pp. 190-203.

[\[Buy Via Ask\\*IEEE\]](#)

11, J. Fritz, "Distribution-free exponential error bound for nearest neighbor classification," *IEEE Trans. Inform. Theory*, vol. IT-21, pp. 552-557, Sept. 1975.

[\[Buy Via Ask\\*IEEE\]](#)

12, L. Györfi, "On the rate of convergence of nearest neighbor rules," *IEEE Trans. Inform. Theory*, vol. IT-24, pp. 509-512, July 1978.

[\[Buy Via Ask\\*IEEE\]](#)

13, W. Hoeffding, "Probability inequalities for sums of bounded random variables," *Amer. Statist. Assoc. J.*, vol. 58, pp. 13-30, 1963.

[\[Buy Via Ask\\*IEEE\]](#)

14, H. W. Kuhn and J. W. Tucker, "Nonlinear programming," in *Proc. 2nd Berkeley Symp. Mathematical Statistics and Probability* Berkeley, CA: Univ. Calif. Press, 1950, pp. 481-492.

[\[Buy Via Ask\\*IEEE\]](#)

15, N. Linial and N. Nisan, "Approximate inclusion-exclusion," *Combinatorica*, vol. 10, no. 4, pp. 349-365, 1990.

[\[Buy Via Ask\\*IEEE\]](#)

16, R.Motwani and P.Raghavan, *Randomized Algorithms* Cambridge, U.K.: Cambridge Univ. Press, 1995, p. 46.

[\[Buy Via Ask\\*IEEE\]](#)

17, D. Psaltis, R. Snapp, and S. Venkatesh, "On the finite sample performance of the nearest neighbor classifier," *IEEE Trans. Inform. Theory*, vol. 40, pp. 820-837, May 1994  
[Abstract] [PDF Full-Text (1240KB)]

18, W. Rogers and T. Wagner, "A finite-sample distribution-free performance bound for local discrimination rules," *Ann. Statist.*, vol. 6, pp. 506-514, 1978.  
[Buy Via Ask\*IEEE]

19, V. N. Vapnik, *Statistical Learning Theory* New York: Wiley.  
[Buy Via Ask\*IEEE]

20, T. J. Wagner, "Convergence of the nearest neighbor rule," *IEEE Trans. Inform. Theory*, vol. IT-17, pp. 566-571, Sept. 1971.  
[Buy Via Ask\*IEEE]

---

[Search Results](#) [PDF FULL-TEXT 252 KB] [PREV](#) [NEXT](#) [DOWNLOAD CITATION](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [O](#)  
[Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to](#)

Copyright © 2004 IEEE — All rights reserved

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print FormatYour search matched **39** of **1043368** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

## Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

  Check to search within this result set

## Results Key:

**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**16 Verification of supervised clustering validity and its applications**

*Yan Zhan; Fang Yuan; Xi-Zhao Wang;*  
 Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 4 , 4-5 Nov. 2002  
 Pages:1833 - 1836 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(329 KB\)\]](#) **IEEE CNF****17 Discovery of emerging patterns from nearest neighbors**

*Inakoshi, H.; Ando, T.; Sato, A.; Okamoto, S.;*  
 Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 4 , 4-5 Nov. 2002  
 Pages:1920 - 1925 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(440 KB\)\]](#) **IEEE CNF****18 An improved kNN learning based korean text classifier with heuristic information**

*Heui-Seok Lim;*  
 Neural Information Processing, 2002. ICONIP '02. Proceedings of the 9th International Conference on , Volume: 2 , 18-22 Nov. 2002  
 Pages:731 - 735 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) **IEEE CNF****19 Hierarchical web image classification by multi-level features**

*Shou-Bin Dong; Yi-Ming Yang;*  
 Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 2 , 4-5 Nov. 2002  
 Pages:663 - 668 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(698 KB\)\]](#) **IEEE CNF****20 SRFW: a simple, fast and effective text classification algorithm**

*Zhi-Hong Deng; Shi-Wei Tang; Dong-Qing Yang; Ming Zhang; Xiao-Bin Wu; Meng Yang;*  
Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 3 , 4-5 Nov. 2002  
Pages:1267 - 1271 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(392 KB\)\]](#) [IEEE CNF](#)

---

**21 Application of rough set theory and artificial neural network for load forecasting**

*Qiu-Dan Li; Zhong-Xian Chi; Wen-Bing Shi;*  
Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 3 , 4-5 Nov. 2002  
Pages:1148 - 1152 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(407 KB\)\]](#) [IEEE CNF](#)

---

**22 A neural network case-based reasoning and its application**

*Zhi-Wei Ni; Yi-Juan Lu; Long-Shu Li; Rui-Yu Jia;*  
Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 1 , 4-5 Nov. 2002  
Pages:529 - 532 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(354 KB\)\]](#) [IEEE CNF](#)

---

**23 A new algorithm of selecting the radial basis function networks center**

*Hong-Rui Wang; Hong-Bin Wang; Li-Xin Wei; Ying Li;*  
Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 4 , 4-5 Nov. 2002  
Pages:1801 - 1804 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(310 KB\)\]](#) [IEEE CNF](#)

---

**24 An approach to classify software maintenance requests**

*Di Lucca, G.A.; Di Penta, M.; Gradara, S.;*  
Software Maintenance, 2002. Proceedings. International Conference on , 3-6 Oct. 2002  
Pages:93 - 102

[\[Abstract\]](#) [\[PDF Full-Text \(373 KB\)\]](#) [IEEE CNF](#)

---

**25 Fuzzy case-based reasoning: weather prediction**

*Kan Li; Yu-Shu Liu;*  
Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 1 , 4-5 Nov. 2002  
Pages:107 - 110 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(329 KB\)\]](#) [IEEE CNF](#)

---

**26 Relative term-frequency based feature selection for text categorization**

*Yang, S.M.; Xiao-Bin Wu; Zhi-Hong Deng; Ming Zhang; Dong-Qing Yang;*  
Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 3 , 4-5 Nov. 2002  
Pages:1432 - 1436 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) [IEEE CNF](#)

---

**27 Exploiting similarity and experience in decision making**

*Hallermeier, E.;*

Fuzzy Systems, 2002. FUZZ-IEEE'02. Proceedings of the 2002 IEEE International Conference on , Volume: 1 , 12-17 May 2002

Pages:729 - 734

[\[Abstract\]](#) [\[PDF Full-Text \(485 KB\)\]](#) [IEEE CNF](#)

---

**28 LDA/SVM driven nearest neighbor classification**

*Jing Peng; Heisterkamp, D.R.; Dai, H.K.;*

Computer Vision and Pattern Recognition, 2001. CVPR 2001. Proceedings of the 2001 IEEE Computer Society Conference on , Volume: 1 , 8-14 Dec. 2001

Pages:I-58 - I-63 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(670 KB\)\]](#) [IEEE CNF](#)

---

**29 A hybrid approach to the profile creation and intrusion detection**

*Marin, J.; Ragsdale, D.; Sirdu, J.;*

DARPA Information Survivability Conference & Exposition II, 2001. DISCEX '01.

Proceedings , Volume: 1 , 12-14 June 2001

Pages:69 - 76 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) [IEEE CNF](#)

---

**30 A effective classified algorithm of support vector machine with multi-representative points based on nearest neighbor principle**

*Li Rong; Ye Shiwei; Shi Zhongzhi;*

Info-tech and Info-net, 2001. Proceedings. ICII 2001 - Beijing. 2001 International Conferences on , Volume: 3 , 29 Oct.-1 Nov. 2001

Pages:113 - 119 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(414 KB\)\]](#) [IEEE CNF](#)

---

[Prev](#) [1](#) [2](#) [3](#) [Next](#)

---

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print FormatYour search matched **7** of **1043368** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

  Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 ID3-derived fuzzy rules and optimized defuzzification for handwritten numeral recognition***Zheru Chi; Hong Yan;*

Fuzzy Systems, IEEE Transactions on , Volume: 4 , Issue: 1 , Feb. 1996

Pages:24 - 31

[\[Abstract\]](#) [\[PDF Full-Text \(808 KB\)\]](#) IEEE JNL**2 K-nearest neighbor and C4.5 algorithms as data mining methods: advantages and difficulties***Yahia, M.E.; Ibrahim, B.A.;*

Computer Systems and Applications, 2003. Book of Abstracts. ACS/IEEE

International Conference on , 14-18 July 2003

Pages:103

[\[Abstract\]](#) [\[PDF Full-Text \(153 KB\)\]](#) IEEE CNF**3 A quick evidential classification algorithm based on k-nearest neighbor rule***Zhuang Wang; Wei-Dong Hu; Wen-Xian Yu;*

Machine Learning and Cybernetics, 2003 International Conference on , Volume:

5 , 2-5 Nov. 2003

Pages:3248 - 3252 Vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(421 KB\)\]](#) IEEE CNF**4 Comparing software prediction techniques using simulation***Shepperd, M.; Kadoda, G.;*

Software Engineering, IEEE Transactions on , Volume: 27 , Issue: 11 , Nov. 2001

Pages:1014 - 1022

[\[Abstract\]](#) [\[PDF Full-Text \(294 KB\)\]](#) IEEE JNL**5 LDA/SVM driven nearest neighbor classification**

*Jing Peng; Heisterkamp, D.R.; Dai, H.K.;*  
Computer Vision and Pattern Recognition, 2001. CVPR 2001. Proceedings of the  
2001 IEEE Computer Society Conference on , Volume: 1 , 8-14 Dec. 2001  
Pages:I-58 - I-63 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(670 KB\)\]](#) [IEEE CNF](#)

---

**6 A hybrid approach to the profile creation and intrusion detection**

*Marin, J.; Ragsdale, D.; Sirdu, J.;*  
DARPA Information Survivability Conference & Exposition II, 2001. DISCEX '01.  
Proceedings , Volume: 1 , 12-14 June 2001  
Pages:69 - 76 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(600 KB\)\]](#) [IEEE CNF](#)

---

**7 LDA/SVM driven nearest neighbor classification**

*Jing Peng; Heisterkamp, D.R.; Dai, H.K.;*  
Neural Networks, IEEE Transactions on , Volume: 14 , Issue: 4 , July 2003  
Pages:940 - 942

[\[Abstract\]](#) [\[PDF Full-Text \(239 KB\)\]](#) [IEEE JNL](#)

---

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print Format

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to](#)

Copyright © 2004 IEEE — All rights reserved

## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print Format

Your search matched **83** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

**Results Key:**

**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

**76 Parallel sequential induction networks: a new paradigm of neural network architecture**

*Sun, G.Z.; Chen, H.H.; Lee, Y.C.;*  
Neural Networks, 1988., IEEE International Conference on , 24-27 July 1988  
Pages:489 - 496 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(320KB\)\]](#) IEEE CNF

**77 A notion for machine learning: knowledge developability**

*Chen, H.-H.;*  
System Sciences, 1988. Vol.III. Decision Support and Knowledge Based Systems Track, Proceedings of the Twenty-First Annual Hawaii International Conference on ,Volume: 3 , 5-8 Jan. 1988  
Pages:274 - 279

[\[Abstract\]](#) [\[PDF Full-Text \(396KB\)\]](#) IEEE CNF

**78 Pilot-added signal detection algorithm and application in OCC-CDMA systems under multipath interference**

*Chen, H.-H.; Yeh, Y.-C.; Chao, C.-Y.; Yeh, J.-F.;*  
Electronics Letters ,Volume: 40 , Issue: 8 , 15 April 2004  
Pages:488 - 489

[\[Abstract\]](#) [\[PDF Full-Text \(192KB\)\]](#) IEE JNL

**79 0.8 V CMOS adiabatic differential switch logic circuit using bootstrap technique for low-voltage low-power VLSI**

*Zhang, Y.; Chen, H.H.; Kuo, J.B.;*  
Electronics Letters ,Volume: 38 , Issue: 24 , 21 Nov. 2002  
Pages:1497 - 1499

[\[Abstract\]](#) [\[PDF Full-Text \(321KB\)\]](#) IEE JNL

**80 Novel group-based spreading code protocol: hierarchy schedule sensing protocol for CDMA wireless networks**

*Chen, H.H.; Tea, W.T.;*  
Communications, IEE Proceedings- ,Volume: 146 , Issue: 1 , Feb. 1999  
Pages:15 - 21

[\[Abstract\]](#) [\[PDF Full-Text \(564KB\)\]](#) IEE JNL

---

**81 Spreading code protocol enabling programmable complexity/performance for CDMA local wireless networks**

*Chen, H.-H.; Lim, N.-C.; Oksman, J.;*  
Communications, IEE Proceedings- , Volume: 144 , Issue: 6 , Dec. 1997  
Pages:395 - 401

[\[Abstract\]](#) [\[PDF Full-Text \(604KB\)\]](#) [IEE JNL](#)

---

**82 Resonant tunnelling diode in MBE-grown delta-doped GaAs**

*Wang, Y.H.; Hwang, M.P.; Chen, H.H.; Wei, H.C.;*  
Electronics Letters , Volume: 27 , Issue: 18 , 29 Aug. 1991  
Pages:1667 - 1668

[\[Abstract\]](#) [\[PDF Full-Text \(160KB\)\]](#) [IEE JNL](#)

---

**83 Supervisory control and fault detection for SISO and MIMO systems**

*Linkens, D.A.; Mahfouf, M.; Ting, C.H.; Chen, H.H.;*  
Modeling and Signal Processing for Fault Diagnosis (Digest No: 1996/260), IEE  
Colloquium on , 18 Sept. 1996  
Pages:11/1 - 11/9

[\[Abstract\]](#) [\[PDF Full-Text \(488KB\)\]](#) [IEE CNF](#)

---

[Prev](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#)

---



## Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

## Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

## Search

- By Author
- Basic
- Advanced

## Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print Format

Your search matched **6** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

**Results Key:**

**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

**1 Computer science and biology: an unlikely pair [Guest Editorial Introduction]**

*Hunter, L.; Lathrop, R.H.;*  
Intelligent Systems, IEEE [see also IEEE Expert] ,Volume: 17 , Issue: 2 , March-April 2002  
Pages:8 - 10

[\[Abstract\]](#) [\[PDF Full-Text \(329KB\)\]](#) IEEE JNL

**2 Bayesian classification of protein structure**

*Hunter, L.; States, D.J.;*  
Expert, IEEE [see also IEEE Intelligent Systems] ,Volume: 7 , Issue: 4 , Aug. 1992  
Pages:67 - 75

[\[Abstract\]](#) [\[PDF Full-Text \(832KB\)\]](#) IEEE JNL

**3 ClassX: a browsing tool for protein sequence megaclassifications**

*Harris, N.L.; States, D.J.; Hunter, L.;*  
System Sciences, 1993, Proceeding of the Twenty-Sixth Hawaii International Conference on ,Volume: i , 5-8 Jan 1993  
Pages:554 - 563 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(916KB\)\]](#) IEEE CNF

**4 Bayesian classification of protein structural elements**

*Hunter, L.; States, D.J.;*  
System Sciences, 1991. Proceedings of the Twenty-Fourth Annual Hawaii International Conference on ,Volume: i , 8-11 Jan. 1991  
Pages:595 - 604 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(992KB\)\]](#) IEEE CNF

**5 Applying Bayesian classification to protein structure**

*Hunter, L.; States, D.J.;*  
Artificial Intelligence for Applications, 1991. Proceedings., Seventh IEEE Conference on ,Volume: i , 24-28 Feb. 1991  
Pages:10 - 16

[\[Abstract\]](#) [\[PDF Full-Text \(692KB\)\]](#) IEEE CNF

---

**6 Knowledge acquisition planning for inference from large databases**

*Hunter, L.*;

System Sciences, 1990., Proceedings of the Twenty-Third Annual Hawaii International Conference on , Volume: ii , 2-5 Jan. 1990

Pages:35 - 44 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(1036KB\)\]](#) [IEEE CNF](#)

---

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [Other IEEE Sites](#)  
[Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Search](#)

Copyright © 2004 IEEE — All rights reserved